MARKED UP COPY SHOWING AMENDMENTS TO SPECIFICATION

On page10, lines 1-5 insert the following replacement paragraph:

Cell lines, except EBV transformed lymphoblastoid cell lines, were obtained from ATCC (10801 University Blvd., [Rockville] Manassas, [MD] VA 20110-2209) and grown in RPMI media with 10% fetal bovine serum. Lymphoblastoid cell lines were made from peripheral blood lymphocytes of patients with Alzheimer's disease by transformation with Epstein-Barr virus (EBV) as previously reported (Ounanian, A., et al., 1992, *Mech Ageing Dev*, 63:105-116).

On page 19, lines 6-18 please insert the following replacement paragraph:

[**??**]Because *TNG1* and *TNG2* are located at the same locus as *TCL1* and *TCL1b,* it seemed possible that they would exhibit similar expression patterns. To investigate this, a series of Northern blot and RT-PCR experiments were performed. *TNG1* and *TNG2* are both transcribed in a wide variety of normal tissues (**Figure 6B**). The results demonstrate a low level of expression in most tissues examined including placenta, kidney, fetal kidney, fetal lung, and fetal heart and all lymphoid tissues including fetal liver and fetal spleen. The only exception is thymus, which only showed transcripts of *TNG2*, whereas fetal thymus only expressed *TNG1* (**Figure 6B**). *TCL1b* was expressed in the same tissues as *TNG1* except thymus, fetal lung, and fetal heart [**???**] (Virgilio, L., et al., 1998, *Proc Natl Acad Sci USA*, 95:3885-3889). Northern blot analysis of normal adult and embryonic tissues was negative for *TNG1* and *TNG2*, probably due to the low level of expression.

MARKED UP COPY SHOWING AMENDMENTS TO CLAIMS

Please amend claims 2 - 5, 8, 11, 12, 14 - 16, 23, and 29 as follows:

2. The isolated nucleic acid of claim 1, wherein said nucleotide sequence encodes a human Tcl-1b protein having [an] amino acid sequence [of] SEQ ID NO:39 from amino acid number 1 to 128.

3. An isolated nucleic acid of not more than 50 kilobases which contains a contiguous sequence of at least [an] 18 nucleotides encoding a Tcl-1b protein fragment.

4. An isolated nucleic acid of not more than 50 kilobases which contains a contiguous sequence of at least [an] 18 nucleotides [portion] of the sequence depicted in SEQ ID NO: 40.

5. The isolated nucleic acid of claim 1, comprising [a] nucleotide sequence [of] SEQ ID NO:38 from nucleotide number 1to 1152.

8. An isolated nucleic acid, comprising a sequence encoding a fragment of a protein having an amino acid sequence of at least 10 amino acids, sharing at least 70% amino acid sequence homology to at least 25 contiguous amino acids of SEQ ID NO:39 from amino acid number 1 to 128, [which fragment can be specifically bound by an antibody to a Tcl-1b protein].

10. A host cell that contains said recombinant DNA vector of claim [7]9.

11. The recombinant DNA vector of claim [7]9, wherein the nucleotide sequence encodes a human Tcl-1b protein having [an]

amino acid sequence [of] SEQ ID NO:39 from amino acid number 1 to 128.

12. An isolated nucleic acid of not more than 50 kilobases which contains a contiguous sequence of at least [a] 50 nucleotides [portion] of SEQ ID NO: 40.

13. An isolated nucleic acid that is capable of hybridizing under stringent conditions to a nucleotide sequence that is complementary to the cDNA sequence of SEQ ID NO:38, said nucleic acid containing a contiguous sequence of at least [an] 25 nucleotides [portion] of SEQ ID NO:38.

14. An isolated nucleic acid that is capable of hybridizing under stringent conditions to a nucleotide sequence that is complementary to a cDNA sequence that encodes a Tcl-1b protein, which protein has an amino acid sequence of SEQ ID NO:39**,** and said nucleic acid containing a contiguous sequence of at least [an] 25 nucleotides [portion] of SEQ ID NO:38.

15. An antisense molecule, comprising a nucleotide sequence complementary to at least [a part of a] fifteen nucleotides of coding sequence of a Tcl-1b [protein] mRNA, which forms a stable duplex *in vivo* with [is hybridizable to] a Tcl-1b mRNA.

16. The antisense molecule of claim 15, wherein said nucleotide sequence is complementary to at least [a part] fifteen nucleotides of the sequence depicted in SEQ. ID. NO: 38.

23. A host cell that contains a recombinant vector comprising a nucleic acid that is capable of hybridizing under stringent conditions to a nucleotide sequence that is complementary to a cDNA sequence that encodes a Tcl-1b protein, which protein has the

amino acid sequence of SEQ ID NO:39, [and] said nucleic acid containing a contiguous sequence of at least [an] 25 nucleotides [portion] of SEQ ID NO:38.

29. A diagnostic kit, comprising in one or more containers, a pair of primers, each having at least 15-25 nucleotides, in which at least one of said primers is hybridizable, under stringent conditions, to SEQ. ID. NO: 38 or its complement and wherein said primers are capable of priming DNA synthesis in a nucleic acid amplification reaction.